

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (original) A method for evaluating hair damage comprising specifically labeling the carbonyl group of an oxidized protein in hair with fluorescence, and detecting the fluorescence.
2. (original) The method according to claim 1, wherein the damage is caused by any of perm treatment, bleach treatment, treatment with an oxidative hair dye, combing, heat treatment, exposure to ultraviolet rays, and exposure to hypochlorous acid in swimming pools, or a combination thereof.
3. (currently amended) The method according to claim 1 ~~[[or 2]]~~, wherein the specific fluorescence labeling of the carbonyl group of the oxidized protein is performed by acting and binding a hydrazino-group-containing fluorescent substance to the oxidized protein.
4. (currently amended) The method according to ~~any one of claims 1 to 3~~ claim 1, wherein the hydrazino-group-containing fluorescent substance is selected from the group consisting of fluorescein-5-thiosemicarbazide and dansylhydrazine.

5. (currently amended) The method according to ~~any one of claims 1 to 4~~ claim 1, wherein the evaluation is conducted under a fluorescence microscope.

6. (original) The method according to claim 3, wherein the hydrazino-group-containing fluorescent substance is dansylhydrazine, and detection of the fluorescence is conducted by eye.

7. (original) A kit used for a method for evaluating hair damage, comprising a fluorescent substance for specifically labeling the carbonyl group of an oxidized protein with fluorescence.

8. (original) The kit according to claim 7, wherein the fluorescent substance is a hydrazino-group-containing fluorescent substance.

9. (currently amended) The kit according to claim 7 ~~[[or 8]]~~, wherein the hydrazino-group-containing fluorescent substance is selected from the group consisting of fluorescein-5-thiosemicarbazide and dansylhydrazine.